Table 31 (page 1 of 2). Death rates for human immunodeficiency virus (HIV) disease, by sex, race, Hispanic origin, and age: United States, selected years 1987–2010

Updated data when available, Excel, PDF, and more data years: http://www.cdc.gov/nchs/hus/contents2012.htm#031.

[Data are based on death certificates]

Sex, race, Hispanic origin, and age[1]	*1987*[2]	*1990*[2]	*1995*[2]	*1996*[2]	*1997*[2]	*1998*[2]	*1999*[3]	*2000*[3]	*2005*[3]	*2009*[3]	*2010*[3]
All persons	Deaths per 100,000 resident population										
All ages, age-adjusted[4]	5.6	10.2	16.2	11.5	6.0	4.9	5.3	5.2	4.2	3.0	2.6
All ages, crude	5.6	10.1	16.2	11.6	6.1	4.9	5.3	5.1	4.2	3.1	2.7
Under 1 year	2.3	2.7	1.5	1.1	*	*	*	*	*	*	*
1–4 years	0.7	0.8	1.3	0.9	0.3	0.2	0.2	*	*	*	*
5–14 years	0.1	0.2	0.5	0.5	0.3	0.1	0.2	0.1	*	*	*
15–24 years	1.3	1.5	1.7	1.1	0.7	0.5	0.5	0.5	0.4	0.3	0.3
25–34 years	11.7	19.7	28.3	19.2	9.7	7.1	6.8	6.1	3.4	2.2	1.8
35–44 years	14.0	27.4	44.2	31.3	16.0	12.8	13.8	13.1	10.0	5.8	4.6
45–54 years	8.0	15.2	26.0	19.1	10.3	8.9	10.7	11.0	10.6	7.6	6.9
55–64 years	3.5	6.2	10.9	8.3	4.8	4.3	4.8	5.1	5.3	5.2	5.0
65–74 years	1.3	2.0	3.6	2.7	1.8	1.6	2.2	2.2	2.3	2.6	2.2
75–84 years	0.8	0.7	0.7	0.8	0.6	0.5	0.6	0.7	0.8	0.9	0.9
85 years and over	*	*	*	*	*	*	*	*	*	0.4	0.4
Male											
All ages, age-adjusted[4]	10.4	18.5	27.3	19.0	9.6	7.6	8.2	7.9	6.3	4.4	3.8
All ages, crude	10.2	18.5	27.6	19.2	9.7	7.6	8.2	7.9	6.3	4.5	4.0
Under 1 year	2.2	2.4	1.7	1.1	*	*	*	*	*	*	*
1–4 years	0.7	0.8	1.2	0.9	0.3	*	*	*	*	*	*
5–14 years	0.2	0.3	0.5	0.5	0.3	0.1	0.2	0.1	*	*	*
15–24 years	2.2	2.2	2.0	1.3	0.8	0.5	0.5	0.5	0.4	0.4	0.4
25–34 years	20.7	34.5	45.5	30.2	14.4	10.0	9.5	8.0	4.1	2.7	2.3
35–44 years	26.3	50.2	75.5	51.7	25.4	20.0	21.0	19.8	14.5	8.2	6.3
45–54 years	15.5	29.1	46.2	33.1	17.1	14.8	17.5	17.8	16.4	11.2	10.6
55–64 years	6.8	12.0	19.7	14.7	8.3	7.2	8.3	8.7	8.7	8.5	7.9
65–74 years	2.4	3.7	6.4	5.0	3.4	2.9	3.8	3.8	4.0	4.4	3.8
75–84 years	1.2	1.1	1.3	1.5	1.0	0.9	1.0	1.3	1.4	1.6	1.7
85 years and over	*	*	*	*	*	*	*	*	*	*	*
Female											
All ages, age-adjusted[4]	1.1	2.2	5.3	4.2	2.6	2.2	2.5	2.5	2.3	1.7	1.4
All ages, crude	1.1	2.2	5.3	4.3	2.6	2.2	2.5	2.5	2.2	1.7	1.4
Under 1 year	2.5	3.0	1.2	*	*	*	*	*	*	*	*
1–4 years	0.7	0.8	1.5	1.0	0.4	*	*	*	*	*	*
5–14 years	*	0.2	0.5	0.4	0.2	0.2	0.2	0.1	*	*	*
15–24 years	0.3	0.7	1.4	0.9	0.7	0.5	0.5	0.4	0.3	0.3	0.2
25–34 years	2.8	4.9	10.9	8.2	4.9	4.2	4.1	4.2	2.6	1.6	1.3
35–44 years	2.1	5.2	13.3	11.2	6.7	5.7	6.7	6.5	5.6	3.5	2.9
45–54 years	0.8	1.9	6.6	5.6	3.7	3.1	4.1	4.4	5.1	4.0	3.4
55–64 years	0.5	1.1	2.8	2.5	1.6	1.6	1.6	1.8	2.0	2.2	2.3
65–74 years	0.5	0.8	1.4	0.8	0.5	0.6	0.8	0.8	0.9	1.1	0.9
75–84 years	0.5	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.4	0.4
85 years and over	*	*	*	*	*	*	*	*	*	*	*
All ages, age-adjusted[4]											
Male:											
White	8.7	15.7	20.4	13.1	5.9	4.5	4.9	4.6	3.7	2.5	2.3
Black or African American	26.2	46.3	89.0	70.3	40.9	33.2	36.1	35.1	27.7	19.5	16.5
American Indian or Alaska Native	*	3.3	10.5	6.4	3.3	3.5	4.2	3.5	3.7	2.4	2.6
Asian or Pacific Islander	2.5	4.3	6.0	4.4	1.6	1.3	1.4	1.2	1.0	0.7	0.7
Hispanic or Latino[5]	18.8	28.8	40.8	28.0	14.0	10.2	10.9	10.6	7.7	5.0	4.6
White, not Hispanic or Latino[5]	10.7	14.1	17.9	11.2	4.8	3.7	4.0	3.8	3.0	2.0	1.8
Female:											
White	0.6	1.1	2.5	1.9	1.0	0.8	1.0	1.0	0.8	0.6	0.5
Black or African American	4.6	10.1	24.4	20.8	13.7	12.0	13.1	13.2	11.9	8.8	7.5
American Indian or Alaska Native	*	*	2.5	1.4	1.0	0.6	1.0	1.0	1.3	*	*
Asian or Pacific Islander	*	*	0.6	0.5	0.2	0.3	0.2	0.2	*	*	*
Hispanic or Latina[5]	2.1	3.8	8.8	6.3	3.3	2.8	3.0	2.9	1.9	1.4	1.1
White, not Hispanic or Latina[5]	0.5	0.7	1.7	1.3	0.7	0.5	0.7	0.7	0.6	0.4	0.4

See footnotes at end of table.

Table 31 (page 2 of 2). Death rates for human immunodeficiency virus (HIV) disease, by sex, race, Hispanic origin, and age: United States, selected years 1987–2010

Updated data when available, Excel, PDF, and more data years: http://www.cdc.gov/nchs/hus/contents2012.htm#031.

[Data are based on death certificates]

Sex, race, Hispanic origin, and age[1]	*1987*[2]	*1990*[2]	*1995*[2]	*1996*[2]	*1997*[2]	*1998*[2]	*1999*[3]	*2000*[3]	*2005*[3]	*2009*[3]	*2010*[3]
Age 25–44 years					Deaths per 100,000 resident population						
All persons	12.7	23.2	36.3	25.4	12.9	10.1	10.5	9.8	6.9	4.0	3.2
Male:											
White	19.2	35.0	46.1	29.1	12.9	9.6	9.7	8.8	5.9	3.1	2.5
Black or African American	60.2	102.0	179.4	136.8	75.2	58.1	59.3	55.4	36.9	22.3	17.1
American Indian or Alaska Native	*	7.7	28.5	16.6	9.5	7.5	9.1	5.5	5.6	*	*
Asian or Pacific Islander	4.1	8.1	12.1	7.7	3.3	2.4	2.4	1.9	1.4	0.8	*
Hispanic or Latino[5]	36.8	59.3	73.9	48.0	23.3	16.6	16.5	14.3	8.8	4.8	4.1
White, not Hispanic or Latino[5]	23.3	31.6	41.2	25.6	10.9	8.1	8.2	7.4	5.0	2.5	1.9
Female:											
White	1.2	2.3	5.9	4.3	2.3	1.8	2.2	2.1	1.5	0.8	0.7
Black or African American	11.6	23.6	53.6	45.7	28.6	25.5	26.6	26.7	20.6	13.1	10.3
American Indian or Alaska Native	*	*	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander	*	*	1.2	*	*	*	*	*	*	*	*
Hispanic or Latina[5]	4.9	8.9	17.2	12.0	6.2	4.6	5.3	4.6	2.6	1.3	1.2
White, not Hispanic or Latina[5]	1.0	1.5	4.2	3.1	1.7	1.3	1.6	1.6	1.2	0.6	0.6
Age 45–64 years											
All persons	5.8	11.1	19.9	14.8	8.1	7.0	8.4	8.7	8.4	6.5	6.1
Male:											
White	9.9	18.6	26.0	17.3	7.9	6.6	7.8	8.1	7.3	5.7	5.6
Black or African American	27.3	53.0	133.2	110.7	69.3	60.9	70.7	71.6	64.1	45.3	39.8
American Indian or Alaska Native	*	*	*	*	*	*	*	*	8.3	6.7	7.0
Asian or Pacific Islander	*	6.5	9.1	7.9	2.3	2.4	2.3	2.1	2.0	1.6	1.9
Hispanic or Latino[5]	25.8	37.9	67.1	49.7	25.1	18.3	21.2	23.3	18.1	12.6	11.5
White, not Hispanic or Latino[5]	12.6	16.9	22.4	14.2	6.3	5.4	6.4	6.5	6.0	4.7	4.7
Female:											
White	0.5	0.9	2.4	1.9	1.1	0.9	1.2	1.3	1.4	1.2	1.0
Black or African American	2.6	7.5	27.0	24.3	17.5	15.4	18.6	19.6	21.7	17.7	16.3
American Indian or Alaska Native	*	*	*	*	*	*	*	*	*	*	*
Asian or Pacific Islander	*	*	*	*	*	*	*	*	*	*	*
Hispanic or Latina[5]	*	3.1	12.6	9.8	5.4	4.9	5.1	5.8	4.0	3.4	2.5
White, not Hispanic or Latina[5]	0.5	0.7	1.5	1.2	0.7	0.5	0.8	0.9	1.1	0.8	0.8

* Rates based on fewer than 20 deaths are considered unreliable and are not shown.

[1]The race groups, white, black, Asian or Pacific Islander, and American Indian or Alaska Native, include persons of Hispanic and non-Hispanic origin. Persons of Hispanic origin may be of any race. Death rates for the American Indian or Alaska Native, Asian or Pacific Islander, and Hispanic populations are known to be underestimated. See Appendix II, Race, for a discussion of sources of bias in death rates by race and Hispanic origin.

[2]Categories for the coding and classification of human immunodeficiency virus (HIV) disease were introduced in the United States in 1987. For the period 1987–1998, underlying cause of death was coded according to the 9th Revision of the *International Classification of Diseases* (ICD). See Appendix II, Cause of death; Human immunodeficiency virus (HIV) disease; Table III; Table IV.

[3]Starting with 1999 data, cause of death is coded according to ICD–10. See Appendix II, Cause of death; Comparability ratio; Table IV; Table V.

[4]Age-adjusted rates are calculated using the year 2000 standard population. Prior to 2001, age-adjusted rates were calculated using standard million proportions based on rounded population numbers. Starting with 2001 data, unrounded population numbers are used to calculate age-adjusted rates. See Appendix II, Age adjustment.

[5]Prior to 1997, data from states that did not report Hispanic origin on the death certificate were excluded. See Appendix II, Hispanic origin.

NOTES: Starting with *Health, United States, 2003*, rates for 1991–1999 were revised using intercensal population estimates based on the 1990 and 2000 censuses. For 2000, population estimates are bridged-race April 1 census counts. Starting with *Health, United States, 2012*, rates for 2001–2009 were revised using intercensal population estimates based on the 2000 and 2010 censuses. For 2010, population estimates are bridged-race April 1 census counts. See Appendix I, Population Census and Population Estimates. Starting with 2003 data, some states allowed the reporting of more than one race on the death certificate. The multiple-race data for these states were bridged to the single-race categories of the 1977 Office of Management and Budget standards, for comparability with other states. See Appendix II, Race. Data for additional years are available. See Appendix III.

SOURCE: CDC/NCHS, National Vital Statistics System; numerator data from annual public-use Mortality Files; denominator data from national population estimates for race groups from Table 1 and unpublished Hispanic population estimates for 1987–1996 prepared by the Housing and Household Economic Statistics Division, U.S. Census Bureau; Murphy SL, Xu JQ, Kochanek KD. Deaths: Final data for 2010. National vital statistics reports; vol 61 no 4. Hyattsville, MD: NCHS; 2012. Available from: http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_04.pdf. See Appendix I, National Vital Statistics System (NVSS).